

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

1        1.-16. (Cancelled)

1        17.    (New) A method of determining a position of a mobile terminal, comprising:  
2              while a first base station that communicates wirelessly according to a first protocol has a  
3              connection over a wireless link with the mobile terminal, the first base station sending a location  
4              request to the mobile terminal, wherein the location request corresponds to a request made by a  
5              remote client and the location request specifies that the position of the mobile terminal is to be  
6              based on measurements made with respect to information from a second base station that  
7              communicates wirelessly according to a second protocol different from the first protocol;  
8              the first base station receiving from the mobile terminal the measurements made with  
9              respect to the information from the second base station; and  
10             the first base station performing an action to cause processing of the received  
11             measurements to determine the position of the mobile terminal.

1        18.    (New) The method of claim 17, wherein performing the action comprises sending  
2              the received measurements to a position finding entity for processing the received measurements.

1        19.    (New) The method of claim 18, wherein the position finding entity is a first  
2              position finding entity associated with the first base station, the method further comprising:  
3              the first position finding entity sending the received measurements to a second position  
4              finding entity for processing of the received measurements at the second position finding entity  
5              to determine the position of the mobile terminal, wherein the second position finding entity is  
6              associated with the second base station; and  
7              the first position finding entity receiving location information relating to the determined  
8              position of the mobile terminal from the second position finding entity.

1        20. (New) The method of claim 19, further comprising:

2            the first base station receiving from the mobile terminal further measurements made with  
3 respect to information from the first base station and at least another base station that  
4 communicates wirelessly according to the first protocol;

5            the first position finding entity processing the further measurements to determine further  
6 location information relating to the position of the mobile terminal; and

7            the first position finding entity combining the further location information with the  
8 location information received from the second position finding entity to derive the position of the  
9 mobile terminal.

1        21. (New) The method of claim 18, wherein the position finding entity is associated  
2 with the first base station, the method further comprising:

3            the first base station receiving from the mobile terminal further measurements based on  
4 information from the first base station and at least another base station that communicates  
5 wirelessly according to the first protocol; and

6            the first base station sending the further measurements to the position finding entity to  
7 cause the position finding entity to combine the further measurements with the measurements  
8 made with respect to the information from the second base station, to determine the position of  
9 the mobile terminal.

1        22. (New) The method of claim 17, wherein the first and second protocols are  
2 different generation wireless communication protocols.

1           23. (New) A system comprising:

2           a first base station to communicate wirelessly according to a first protocol with a mobile  
3 terminal, wherein the first base station is configured to:

4                 while the first base station has a connection over a wireless link with the mobile  
5 terminal, send a location request to the mobile terminal, wherein the location request corresponds  
6 to a request made by a remote client and the location request specifies that a position of the  
7 mobile terminal is to be determined based on measurements made with respect to information  
8 from a second base station that communicates wirelessly according to a second protocol different  
9 from the first protocol;

10                 receive from the mobile terminal the measurements made with respect to the  
11 information from the second base station; and

12                 perform an action to cause processing of the received measurements to determine  
13 the position of the mobile terminal.

1           24. (New) The system of claim 23, wherein the action to be performed by the first  
2 base station includes sending the received measurements to a position finding entity for  
3 processing the received measurements.

5           25. (New) The system of claim 24, further comprising the position finding entity.

7           26. (New) The system of claim 25, wherein the position finding entity is a first  
8 position finding entity associated with the first base station, the system further comprising a  
9 second position finding entity associated with the second base station, wherein the first position  
10 finding entity is configured to:

11                 send the received measurements to the second position finding entity for processing of  
12 the received measurements at the second position finding entity to determine the position of the  
13 mobile terminal; and

14                 receive location information relating to the determined position of the mobile terminal  
15 from the second position finding entity.

1        27. (New) The system of claim 26, wherein the first base station is configured to  
2 further receive from the mobile terminal further measurements made with respect to information  
3 from the first base station and at least another base station that communicates wireless according  
4 to the first protocol, and

5            wherein the first position finding entity is configured to further:

6            process the further measurements to determine further location information  
7 relating to the position of the mobile terminal; and

8            combine the further location information with the location information received  
9 from the second position finding entity to derive the position of the mobile terminal.

1        28. (New) The system of claim 24, wherein the position finding entity is associated  
2 with the first base station, and wherein the first base station is configured to further:

3            receive from the mobile terminal further measurements based on information from the  
4 first base station and at least another base station that communicates wirelessly according to the  
5 first protocol; and

6            send the further measurements to the position finding entity to cause the position finding  
7 entity to combine the further measurements with the measurements made with respect to the  
8 information from the second base station, to determine the position of the mobile terminal.

1        29. (New) A method of determining a position of a mobile terminal, comprising:

2            while the mobile terminal has a connection with a first base station that communicates  
3 wirelessly according to a first protocol, the mobile terminal receiving from the first base station a  
4 location request that corresponds to a request made by a remote client, wherein the location  
5 request specifies that the position of the mobile terminal is to be based on measurements made  
6 with respect to information from a second base station that communicates wirelessly according  
7 to a second protocol different from the first protocol; and

8            the mobile terminal sending to the first base station the measurements made with respect  
9 to the information from the second base station to cause the first base station to perform an  
10 action to cause processing of the measurements to determine the position of the mobile terminal.

1        30. (New) The method of claim 29, wherein the action caused to be performed by the  
2 first base station comprises sending the received measurements to a position finding entity for  
3 processing the measurements.

1        31. (New) The method of claim 30, further comprising:  
2              the mobile terminal sending further measurements, made with respect to information  
3 from the first base station and at least another base station that communicates wirelessly  
4 according to the first protocol, to the first base station to cause the further measurements to be  
5 combined with the measurements made with respect to the information from the second base  
6 station, for determining the position of the mobile terminal.

1        32. (New) A system comprising:  
2              a mobile terminal configured to:

3              while the mobile terminal has a connection with a first base station that  
4 communicates wirelessly according to a first protocol, receive from the first base station a  
5 location request that corresponds to a request made by a remote client, wherein the location  
6 request specifies that a position of the mobile terminal is to be based on measurements made  
7 with respect to information from a second base station that communicates wirelessly according  
8 to a second protocol different from the first protocol; and

9              send to the first base station the measurements made with respect to the  
10 information from the second base station to cause the first base station to perform an action to  
11 cause processing of the measurements to determine the position of the mobile terminal.

1        33. (New) The system of claim 32, wherein the action caused to be performed by the  
2 first base station comprises sending the received measurements to a position finding entity for  
3 processing the measurements.

1        34. (New) The system of claim 33, wherein the mobile terminal is configured to  
2 further:

3            send further measurements made with respect to information from the first base station  
4 and at least another base station that communicates wirelessly according to the first protocol, to  
5 the first base station to cause the further measurements to be combined with the measurements  
6 made with respect to the information from the second base station, for determining the position  
7 of the mobile terminal.